



Sheet 1 of 1 ()

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
1503-0153P

APPLICATION NO.
10/648,359

APPLICANT
Veijo KARPPINEN et al.

FILING DATE
August 27, 2003

GROUP
Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JKH	US 4,344,025		1982-08-10	Okuyama et al.			
JKH	US 4,647,837		1987-03-03	Stemmler			
	US						
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	US						

FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
JKH	DE 43 27 162	C1	1994-07-28	GERMANY (W/ABSTRACT)				
JKH	JP 9-0509	A	1997-01-10	JAPAN (W/ABSTRACT)				
JKH	JP 8-322153	A	1996-03-12	JAPAN (W/ABSTRACT)				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

J. Han

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